

Certificate of Analysis

Date of Testing: 2023-05-31 10:28:45

Date of Next Testing: 2027-05-30 10:28:45

Product Name: **Boc-Asn-OH**

CAS Number: 7536-55-2

Specifications & Purity: $\geq 98.5\%$ (T)

Lot #: E2325111

SKU # **B113133**

Analysis: **063476**

Parameter	Limit Values	Result
Ignition Residue	0-0.2 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ DMF})}$	-8--6 ($^{\circ}$)	-7.49 $^{\circ}$
Purity (Titration by NaOH)	98.5-101.5 (%)	98.98 %
Melting point	171-175 ($^{\circ}\text{C}$)	174.89000 $^{\circ}\text{C}$
Appearance (B113133)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager